

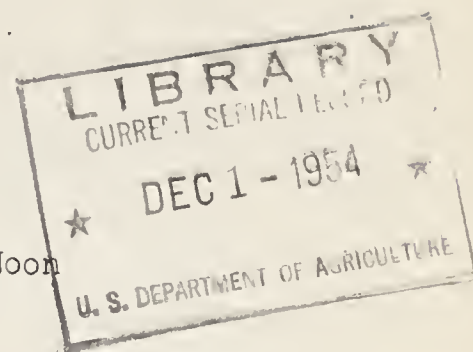
Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

A335.9
R882E
Cop. 2

UNITED STATES DEPARTMENT OF AGRICULTURE
Rural Electrification Administration
Washington 25, D. C.

ELECTRIC ENGINEERING COMMITTEE
Summary of Meeting No. 3



Time : Monday, September 20, 1954; 9:30 a.m. - 12:00 Noon

Place: Room 1349, South Building, USDA

Present:

Members	Alternates	Others
G. H. Cole (SE)	C. E. Moore (NE)	R. M. Gaver
G. L. Woodworth (NC)	C. L. Hollister (W)	W. E. Rushlow
R. P. Stokely (SW)		W. Woehler
G. K. Ditlow, Chairman		D. A. Wicker
E. A. Loetterle, Secretary		

The Chairman convened the meeting with a request for comments on the summary of Meeting No. 2. The secretary was requested to briefly review the agenda items discussed at the previous meeting. Following the review there was a brief discussion concerning the summary and it was agreed that the summary was satisfactory.

Agenda Item No. 9. "Topics for possible inclusion on the program for the Technical Training Meetings for Washington Engineering Personnel (Electric Program)"

The Chairman introduced the agenda item for discussion. The possibility of having one of the topics to be presented at the January Technical Field Conference ready for the next Training Meeting was considered. The Chairman mentioned the possibility of having Mr. Amadon or Mr. Thompson give the talks they are preparing for the Technical Conference.

There followed some discussion concerning the seriousness of the pole maintenance problem, particularly in the North Central and Western Areas and the appropriateness of a talk by Mr. Amadon at this time. All were in favor of such a talk if it could be arranged.

It was agreed that it would be advisable to proceed with the plan of presenting the Washington engineering staff the topics that have been presented and will be presented at the technical field conferences.

Agenda Item No. 10. "Summary of construction costs for distribution and transmission lines and substations."

Mr. Woehler has been working for sometime on the project identified by the title above. The project is nearly complete and he was invited to attend this meeting to give the members some information concerning his project. Mr. Woehler explained that the cost figures in the tabulations were based on final inventories received within the past two years and that the prices are average for the nation which have been adjusted to today's price level. Draft copies of the tabulations were distributed and there was considerable discussion concerning their composition and the data included in the tabulations.

This item was introduced by a number of Area Engineers who felt that a serious need existed for revision of many of our construction drawings. It was recommended that the drawings be revised as soon as possible. It was the opinion of the committee that the situation was sufficiently serious to warrant hiring additional personnel if necessary. It was recommended that the drawings be reviewed carefully to determine what revisions are necessary. (Steps are being taken to secure more draftsman time but the situation is serious--EED Division.)

Agenda Item No. 13. "Revision of construction drawings for distribution and transmission line construction."

Members of the committee were informed that responsibility for revising the forms had been transferred from the Electric Engineering Division to the Electric Operations & Loans Division and all comments received from the Regional Chiefs and the Area Offices have been forwarded. This action was taken by the Administrative Division at the suggestion of the Electric Engineering Division and with the consent of the Electric Operations and Loans Division. The Electric Operations and Loans Division believes the forms can be simplified and the Area Engineers were advised that if they had any additional comments they should contact Messrs. Culver and Kittle who are working on the forms.

Agenda Item No. 12. "Status of revision of final inventory form - Labor and material (DS-196 ar 1, B. C. and D)"

It was reported that second draft of the new labor and material construction contract which will replace the DS7R2 and the DS219R3 had recently been completed. Draft copies of the contract have been sent to the Area Offices for review and comment. It was explained that the Electric Engineering Division was not interested in detailed comments at this time, but in general reactions so that it might know whether the form was satisfactory for circulation outside of RHA. The format of the contract, its use and the major changes were briefly explained. There was considerable discussion concerning the contract although the committee members had not had time to thoroughly review the contract. The following question was raised, "Is the project complete if the releases of Lien have not been submitted?" and the comment was made that field engineers should not be required to approve the completion certificate because of its importance with respect to the 90 day clause. It was explained that much consideration had been given to the inclusion of the 90 day clause and that further consideration and study was contemplated. All of the comments received will be carefully considered and another draft will be prepared for review before a final draft is prepared.

Agenda Item No. 11. "Revision of labor and material contract (Proposed RHA Form 830)"

The distribution of this summary construction cost data was subsequently discussed. It was recognized that the information would be valuable to system engineers, especially in connection with the preparation of system improvement cost estimates in system studies. There is considerable difference in the cost estimates of identical system improvements and the publication of these costs should be a leveling influence. However, it was generally agreed that this data should be made available to RHA personnel only and that it should not be released to the field as a Staff Instruction, but as a separate report to field engineers.

Agenda Item No. 15. "Aluminum Coated Guy Wire" (Acco-Alumanized)(Hot-Dip Coated Steel Wire)

Mr. Wicker informed the committee of an application submitted by the Page Steel and Wire Division of the American Chain and Cable Company for acceptance of their "alumanized" steel wire. The wire is coated with aluminum which is applied by a dipping process. The application will not be presented to the Technical Standards Committee. Approval has been given to allow the company to sell a maximum of 2000 feet to any borrower and the company is required to keep record of all sales showing the amount sold and the name of the purchaser. There was some discussion concerning the above information supplied by Mr. Wicker which resulted in general concurrence in the action taken.

Agenda Item No. 16. "Secondary Losses"

It was decided to postpone discussion of this item until the next meeting and proceed to the next item.

Agenda Item No. 17. "Recent Developments in Staff Engineering"

Review of O & M Reports

The Chairman reported that the Electric Engineering Division will soon be making a special analysis of the O & M reports submitted within the past year. He stated that in order to be sure that all reports are reviewed the area offices will be visited to obtain copies of reports that are not available in the files of the Engineering Division.

The meeting adjourned at approximately 12:00 Noon, and the next meeting is to be held on call by the Chairman.

cc: All Committee Members and Alternates
R. G. Zook
Regional Chiefs
Area Directors
Staff Division Chiefs
Chairman Electric Operations &
Loans Committee
H. S. Hoiberg
Heads; Power Generation Sections
Heads, T & D Staff (6)
Gaver
Woehler

